

NORTHEAST TEMPERATE NETWORK

Parkname	Ozone						NADP (kg/ha/yr)		Visibility - IMPROVE	
	2ndHi1hr	4thHi8hr	#8hr>85	#1hr>100	W126	Sum06_3Mo	Wet S	Wet N	bextClear	bextHazy
Acadia NP	111.3	79.8	3.0	7.4	17.6	8.1	2.94	2.43	15	96
Boston Harbor Islands NRA	113.4	84.6	4.4	10.6	19.9	14.7	4.43	3.66	23	131
Marsh-Billings NHP	0.0	0.0	0.0	0.0	45.3	0.0	4.11	3.75	22	129
Minute Man NHP	113.1	84.5	4.4	10.4	19.9	16.2	4.39	3.67	23	132
Morristown NHP	128.3	95.1	11.4	34.2	30.9	26.8	3.90	3.43	31	168
Roosevelt-Vanderbilt Headquarters	124.7	90.3	7.3	19.7	24.5	20.3	4.22	3.76	29	163
Saint-Gaudens NHS	99.9	75.0	2.0	3.2	14.2	5.9	4.11	3.75	22	130
Saratoga NHP	104.7	79.0	2.7	5.2	19.0	12.9	4.39	4.04	26	148
Saugus Iron Works NHS	112.6	84.2	4.3	10.1	19.3	14.3	4.41	3.64	22	129
Weir Farm NHS	133.5	93.2	8.4	26.2	24.0	20.8	3.86	3.39	30	163

Class: refers to an area's designation under the Clean Air Act

Ozone information represents 5-yr average of annual values from 1995-1999

2nd High 1 hr concentration (ppb): indicates peak values for ozone; old standard of 0.12 ppm (120 ppb) was based on 2nd hi, 1-hr average

4th high 8 hr concentration (ppb): new ozone standard of 0.08 ppm (80 ppb) is based on 4th hi, 8-hr average

#8 hours>85 ppb: indicates how often the area would be in violation of the new 8-hr standard of 0.08 ppm

hours> 100 ppb: high peaks in ozone concentration, as well as cumulative dose, contribute to vegetation injury

W126: weighted cumulative ozone exposure index giving greater weight to higher ozone concentrations

SUM06_3mon (ppm-hrs) - sum of hourly ozone conc. ≥ 0.06 ppm (60 ppb) over 3 months (~ growing season), i.e., cumulative ozone dose

NADP information represents 6-yr average of annual values from 1995-2000

NADP deposition (kg/ha/yr): estimate of pollutants deposited to ecosystem by precipitation (NADP-National Atmospheric Deposition Program)

NADP Total S - sulfur from sulfate deposited by precipitation

NADP Total N - inorganic nitrogen (ammonium plus nitrate) deposited by precipitation

Visibility IMPROVE information represents 5-yr average of annual values from 1995-1999

bextClear - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average clear day

bextHazy - measure of light scattering and absorption, i.e., extinction, by particles in the air on an average hazy day